

Human Acute Plasma 019 V1 to Zika Virus

Catalog No. NR-50463

Lot No. 70007590 and 70028833

For research use only. Not for human use.

Contributor and Manufacturer:

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Product Description:

NR-50463 is acute plasma collected from a human subject who returned from travel to Jamaica with a confirmed Zika virus (ZIKV) infection. The sample was obtained on June 20, 2016, eleven days after the onset of symptoms. This case represents a secondary flavivirus exposure based on virus- and type-specific neutralizing antibody titers (see Functional Activity section below).¹

Material Provided:

Each vial contains approximately 25 µL of plasma.

Packaging/Storage:

NR-50463 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:¹

50% neutralization titers:

- ZIKV – 9876
- Dengue virus type 1 (DENV1) – 6860
- Dengue virus type 2 (DENV2) – 5272
- Dengue virus type 3 (DENV3) – 8115
- Dengue virus type 4 (DENV4) – 8170

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Human Acute Plasma 019 V1 to Zika Virus, NR-50463.”

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

1. Mulligan, M., Personal Communication.

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